1. Identification

Product identifier: REYVOW™

Other means of identification:
- Item Code: 701681, 701682, ZD4491, ZD4312, 701312, 701295, 701313, ZD2103, TA4736, ZD2102, TA4491, ZD2101, TA4312, 701282, 701172, 701181, 701180, 701062, 701063, 701095, 701096
- LY Number: LY573144

Recommended use: Pharmaceutical

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer:
- Company name: Eli Lilly and Company
- Address: Lilly Corporate Center
- Indianapolis, IN 46285
- United States
- E-mail: lilly_msds@lilly.com
- Emergency phone number: CHEMTREC: +1-800-424-9300

2. Hazard(s) identification

Physical hazards:

Not classified.

Health hazards:
- Acute toxicity, oral: Category 4
- Serious eye damage/eye irritation: Category 1
- Reproductive toxicity: Category 2
- Specific target organ toxicity, single exposure: Category 3 narcotic effects

OSHA defined hazards:

Not classified.

Label elements:

Signal word: Danger

Hazard statement:
- H302: Harmful if swallowed.
- H318: Causes serious eye damage.
- H361: Suspected of damaging the unborn child.
- H336: May cause drowsiness or dizziness.

Precautionary statement

Prevention:
- P201: Obtain special instructions before use.
- P261: Avoid breathing dust.
- P264: Wash thoroughly after handling.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:
- P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330: Rinse mouth.
- P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310: Immediately call a POISON CENTER/doctor.
P304 + P340 + P311 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical assistance.
P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lasmiditan Hemisuccinate</td>
<td>IUPAC: 2,4,6-trifluoro-N-(6-(1-methyl)piperidine-4-carbonyl)pyridine-2-yl)benzamide</td>
<td>439239-92-6</td>
<td>51.4</td>
</tr>
<tr>
<td></td>
<td>Butanedioic acid, compd. with 2,4,6-trifluoro-N-[6-[(1-methyl-4-piperidinyl)carbonyl]-2-pyridinyl]benzamide (1:2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>573144 1/2 Succinate</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LY573144 Hemisuccinate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Composition comments Remaining components of this product are non-hazardous and/or are present at concentrations below reportable levels.

4. First-aid measures

Inhalation Remove to fresh air. If breathing stops, provide artificial respiration. Get medical attention immediately.

Skin contact Wash off immediately with plenty of water. Continue to rinse for at least 15 minutes. Immediately take off all contaminated clothing. Get medical attention if irritation develops and persists.

Eye contact In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Ingestion Immediately give large quantities of water to drink. Never give anything by mouth to a victim who is unconscious or is having convulsions. Call a physician immediately.

Most important symptoms/effects, acute and delayed Harmful if swallowed. Causes serious eye damage. May cause developmental effects based on animal data. May cause drowsiness or dizziness.

General information The recommendations in this section are intended for manufacturing or other situations where exposure to contents may occur.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions Use water spray to cool unopened containers.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear suitable protective clothing, gloves and eye/face protection. See Section 8 of the SDS for Personal Protective Equipment.
Methods and materials for containment and cleaning up
Do not sweep. Collect spill using a vacuum cleaner with a HEPA filter. Be aware of potential for dust explosion when using electrical equipment. If vacuum is not available, lightly mist/wet material and remove by mopping or wet wiping.

Environmental precautions
Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling
Minimize dust generation and accumulation. Keep away from heat and sources of ignition. Avoid contact with eyes, skin, and clothing. See Section 8 of the SDS for Personal Protective Equipment.

Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Lilly (LEG) Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lasmiditan Hemisuccinate (CAS 439239-92-6)</td>
<td>TWA (12hrs)</td>
<td>25 ug/m³</td>
</tr>
<tr>
<td></td>
<td>TWA (8hrs)</td>
<td>40 ug/m³</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
The recommendations in this section are intended for manufacturing or other situations where exposure to contents may occur. Open handling is not recommended. Use appropriate control measures such as fume hood, ventilated enclosure, local exhaust ventilation, or down-draft booth.

Individual protection measures, such as personal protective equipment

Eye/face protection
Safety glasses with side shields recommended. If splash potential or dusty operations, wear goggles/face shield.

Skin protection
Chemical resistant gloves.

Hand protection
Chemical-resistant gloves and impermeable body covering to minimize skin contact.

Other

Respiratory protection
If the applicable occupational exposure level (OEL) is anticipated to be exceeded, wear an approved respirator with sufficient protection factor to control exposure below the OEL.

Thermal hazards
Not available.

General hygiene considerations
Engineering controls should be used as the primary means to control workplace exposures. Follow good workplace hygiene practices such as washing hands after handling this material.

9. Physical and chemical properties

Appearance

Physical state
Solid.

Form
Tablet.

Color
White or Grey White or Purple Grey or Grey

Odor
Not available.

Odor threshold
Not available.

pH
Not available.

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Flash point
Not available.

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.
Explosive limit - upper (%) Not available.
Vapor pressure Not available.
Vapor density Not available.
Relative density Not available.
Solubility(ies) Not available.
   Solubility (water) Not available.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.
Viscosity Not available.
Other information
   Explosive properties Not explosive.
   Oxidizing properties Not oxidizing.

10. Stability and reactivity
Reactivity Not water reactive.
Chemical stability Material is stable under normal conditions.
Possibility of hazardous reactions Hazardous polymerization does not occur.
Conditions to avoid None known.
Incompatible materials Strong oxidizing substances.
Hazardous decomposition products None known.

11. Toxicological information
Information on toxicological effects
Acute toxicity Harmful if swallowed.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lasmiditan Hemisuccinate (CAS 439239-92-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 300 mg/kg (estimated, 4-5 day study) (Convulsions and/or mortality)</td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epiderm (TM) Skin Irritation:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-irritant (Lasmiditan Hydrochloride)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epiderm (TM) Corrosivity:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-corrosive (Lasmiditan Hydrochloride)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Serious eye damage/eye irritation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bovine Corneal Opacity and Permeability assay: Severe eye irritation. (Lasmiditan Hemisuccinate)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitization</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td></td>
<td>Due to lack of data the classification is not possible.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td></td>
<td>Due to lack of data the classification is not possible.</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In vitro and in vivo tests did not show mutagenic effects. (Lasmiditan Hemisuccinate)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Based on available data, the classification criteria are not met.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not carcinogenic in a two-year rat carcinogenicity study or a 6-month transgenic mouse study. Not listed by IARC, NTP, ACGIH or OSHA. (Lasmiditan Hemisuccinate)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Based on available data, the classification criteria are not met.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IARC Monographs. Overall Evaluation of Carcinogenicity
Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)
Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.
Reproductive toxicity
There were no effects on male or female fertility in studies with rats. In embryofetal development studies (rats, rabbits), fetal development was delayed (decreased fetal body weights and skeletal variations) at maternally toxic doses. In rabbits, a slight increase in embryofetal mortality and a low incidence of fetal malformations occurred in a single study at a maternally toxic dose. Oral administration of lasmiditan to rats throughout pregnancy and lactation resulted in increases in stillbirth and neonatal mortality at the highest dose tested, which was associated with maternal toxicity and delayed parturition. (Lasmiditan Hemisuccinate)

Specific target organ toxicity - single exposure
Drowsiness and dizziness have been reported during therapeutic administration of Lasmiditan Hemisuccinate

Specific target organ toxicity - repeated exposure
Nervous system effects were reported in animal studies after repeated exposure to high doses. Kidney and heart effects were reported in rats after repeated exposure to high doses. These effects were considered to be specific to rats only. (Lasmiditan Hemisuccinate)

Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lasmiditan Hemisuccinate (CAS 439239-92-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>EC50</td>
<td>Green Algae (Pseudokirchneriella subcapitata)</td>
</tr>
<tr>
<td></td>
<td>NOEC</td>
<td>Green Algae (Pseudokirchneriella subcapitata)</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia magna</td>
</tr>
<tr>
<td></td>
<td>NOEC</td>
<td>Daphnia magna</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td></td>
<td>NOEC</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
</tbody>
</table>

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
No data available on bioaccumulation.

Mobility in soil
Not available.

13. Disposal considerations

Disposal instructions
Dispose in accordance with all applicable regulations.

14. Transport information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not available.

15. Regulatory information

US federal regulations
This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Classified hazard
- Acute toxicity (any route of exposure)
- Serious eye damage or eye irritation
- Reproductive toxicity
- Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

US state regulations
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories
<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date: 10-11-2019
Version #: 01

List of abbreviations
- LD50: Lethal Dose 50%.
- LEG: Lilly Exposure Guideline.
- TWA: Time Weighted Average Value.

Disclaimer
As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

For additional information contact:
Eli Lilly and Company
Hazard Communication
+1-317-651-9533

Revision information
Product and Company Identification: Alternate Trade Names